



Materials Sciences Division

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Table of Abbreviations and Acronyms

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Table of Abbreviations and Acronyms

Abbrvtns	Description
a, A	Alpha
A&A	Abbreviations and Acronymns
AA	Administrative Analyst
	Affirmative Action
	Aluminum Association
AAAS	American Academy of Arts and Science
	American Association for the Advancement of Science
AACP	American Association for Colleges of Pharmacy
AAD	American Academy of Dermatology
AAEA	African American Employees Association
AAEE	American Association for Engineering Education
AAFA	Asthma and Allergy Foundation of America
AAM	American Academy of Microbiology
AAMD	Acquisition and Assistance Management Division
AAOG	American Association of Obstetricians and Gynecologists
AAP	American Academy of Pediatrics
AAR	Army Armament Research
AARP	American Association for Retired Persons
AASLH	American Association for State and Local History
AAU	Association of American Universities
ABC	American Broadcasting Company
	Advanced Battery Consortium
ABM	Antiballistic Missile
ABRA	Advanced Biophysical Research Accelerator
Ac	Actinium (Chemical Element: At. No. 89)
AC	Air Condition
	Alameda County
	Awards Committee
ACA	American Crystallographic Association
ACC	American Cyanamid Company
	Arrowhead Conference Center
ACEEEE	American Council for an Energy Efficient Economy
ACCTF	Advanced Ceramics and Ceramic Thin Films
ACE	Academy for Creative Exploration
	Allied Command Europe
ACEC	American Consulting Engineer's Council
ACEEE	American Council for an Energy-Efficient Economy
ACEO	Association of California Energy Officials
AECR	Advanced Electron Cyclotron Resource
ACET	Alameda Center for Environmental Technologies
ACGC	Annual Charitable Giving Campaign
ACH	Air Change(s) per Hour
ACHRN	Air Conditioning, Heating and Refrigeration News
ACLANT	Allied Command Atlantic
ACLS	American Council of Learned Societies
ACOG	American College of Obstetricians and Gynecologist
ACR	American College of Radiology
ACS	American Catalysis Society
	American Cancer Society
	American Ceramic Society
	American Chemical Society
ACT	Advanced Concepts and Technology
	Advanced College Test

Table of Abbreviations and Acronyms

Abbrevtns	Description
ACTIS	A Computerized Tribology Information System
ACTS	Advanced Computational Testing and Simulation
ACWIS	American Committee for the Weizmann Institute of Science
AD	Administration Division Associate Director
ADA	American Diabetes Association
ADI	Async Data Interface
ADM	Action Description Memorandum
ADP	Automated Data Processing
AEA	Atomic Energy Act
AEC	Atomic Energy Commission
AECR	Advanced Electron Cyclotron Resonance
AEE	Association of Energy Engineers
AEM	Analytical Electron Microscope Association for Electronic Manufacturing Atomic Electron Microscope
AEP	Advanced Energy Projects
AEPD	Advanced Energy Projects Division
AEPS	Appliance Energy Performance Standards
AES	Auger Electron Spectroscopy
AF	Air Force Arthritis Foundation
AFDE	American Fund for Dental Education Inc.
AFF	American Foundry Foundation
FFFF	Aqueous Film Forming Foam
AFGP	Accounting for Government Property
AFM	Atomic Force Microscope
AFOSR	Air Force Office of Scientific Research
AFP	Approved Funding Program
AFPE	American Foundation for Pharmaceutical Education
AFRs	Annual Financial Reports
AFRD	Acceleration Fusion and Research Division
AFSCME	American Federation of State, County and Municipal Employees
AFT	American Federation of Teachers
AFUE	Annual Fuel Utilization Efficiency
AGA	American Gas Association American Gastroenterologic Association
AGMEF	Ana G. Mendez Education Foundation
AGS	Alternating Gradient Synchrotron
AHA	American Heart Association
AHAF	American Health Assistance Foundation
AHAM	Association of Home Appliance Manufacturers
AHD	American Heritage Dictionary
AHF	Alexander von Humboldt Foundation
AI	Accident Investigation
AIA	American Institute of Architects
AIC	Advanced Industrial Concepts
AICBP	Advanced Industrial Concepts Biocatalysis Program
AICD	Advanced Industrial Concepts Division
AIChE	American Institute of Chemical Engineering
AIChP	American Institution of Chemical Physics
AICP	Advanced Industrial Concepts Program
AID	Agency for International Development
AIM	Advanced Industrial Materials
AIMBE	American Institute for Medicine and Biological Engineering
AIME	American Institute of Mechanical Engineers

Table of Abbreviations and Acronyms

Abbrevtns	Description
AIMP	Advanced Industrial Materials Program
AIP	Accelerator Improvement Projects
AIS	Advanced Imaging Systems
AISI	American Iron and Steel Institute
AJF	Administrative Job Families
AKA	Also Known As
	American Kidney Association
AKF	American Kidney Foundation
	American Kidney Fund
Al	Aluminum (Chemical Element: At. No. 13)
AL	Albuquerque, NM
	Ames Laboratory
ALA	American Library Association
	American Lung Association
ALARA	As-Low-As-Reasonably-Achievable.
ALCMs	Air Launched Cruise Missiles
ALD	Associate Laboratory Director
ALF	American Liver Foundation
ALG	Advanced Lithography Group
ALS	Advanced Light Source
	American Lupus Society, The
ALSSA	Amyotrophic Lateral Sclerosis Society of America
ALWR	Advanced Light-Water Reactor
Am	Americium (Chemical Element: At. No. 95)
AM2I	Advanced Materials and Manufacturing Initiative
AMEM	Associated Manager for Environmental Management
AMI	Advanced Materials Initiative
	Advanced Manufacturing Initiative
AMM	Analysis of Microstructural Mechanisms
AMMI	Advanced Materials and Manufacturing Initiative
AMP	Annual ES&H Assessment Management Plan
AMS	Advanced Materials Society
	Asset Management System
AMANDA	Antarctic Muon and Neutrino Detector Array
AMTI	Advanced Manufacturing Technology Initiative
ANL	Argonne National Laboratory
ANS	Agency for Nuclear Stewardship
ANSI	American National Standards Institute
ANWR	Arctic National Wildlife Refuge
AO	Announcement of Opportunity
AOL	America On Line
AOP	Assignment of Personnel
APA	American Philological Association
	Analytic Performance Assessment
APD	Avalanche Photodiodes
APDA	American Parkinson Disease Association
APEM	Association of Professional Energy Managers
AP	American Press
API	Application Programming Interface

Table of Abbreviations and Acronyms

Abbrevtns	Description
APS	Advanced Photon Source American Philosophical Society American Physical Society, The
APSD	Advanced Photoelectron Spectrometer/Diffractometer
APSF	Alfred P. Sloan Foundation
AQO	Advanced Quiry Options
Ar	Argon (Chemical Element: At. No. 33)
AR	Acquisition Reform
ARC	American Red Cross
ARI	Air Conditioning and Refrigeration Institute
ARCS	Advanced Rewards for Collegiate Scientists
ARM	Advanced Radiation Monitoring Atomic Resolution Microscope
ARPA	Advanced Research Projects Agency
ARPEFS	Angle-resolved Photoemission Extended Fine Structure
ARS	Agricultural Research Service
ARST	Advanced Research and Special Technologies
ARTD	Advanced Research and Technology Development
As	Astatine (Chemical Element: At. No. 85)
ASA	Automated Systems Association
ASB	American Society of Biochemistry and Molecular Biology
ASC	American Superconductor
ASD	Administrative Services Department Applied Science Division Assistant Secretary of Defense
ASEE	American Society for Engineering Education
ASHRAE	American Society of Heating, Refrigeration & Air Conditioning Engineers
ASM	American Society of Metals Atomatically Structured Materials
ASME	American Society of Mechanical Engineers
ASMI	American Society of Metals/International
ASME	American Society for Mechanical Engineers
ASPR	Annual Supplement to the Professional Resume
ASSEE	American Society for Science and Engineering Education
AST	Advanced Space Technology
ASTM	American Society for Testing and Materials
ASU	Arizona State University
At	Atomic
AT&T	Atlantic Telephone and Telegraph
ATACMS	Army Tactical Missile System
ATIP	Asian Technology and Information Program
ATL	Automated Tape Library
ATM	Asynchronous Transfer Mode Automated Teller Machine
ATP	Adenosine Triphosphate
ATR	Attenuated Total Reflection
ATZ	Apple Talk Zone
ATWG	Advanced Technology Working Group
AUA	Argonne Universities Association
Auth	Author Authority
AV	Audio/Visual
AvHF	Alexander von Humboldt Foundation
AVS	American Vacuum Society
AVHRR	Advanced Very High-Resolution Radiometry

Table of Abbreviations and Acronyms

Abbrevtns	Description
AVSSP	American Vacuum Society Student Prize
AW&RC	Animal Welfare and Research Committee
AWER	Advances in Window Energy Research
AWI	American Welding Institute
AWU	Associated Western Universities
AWUI	Associated Western Universities Incorporated
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B	Beta
	Boron (Chemical Element: At. No. 5)
B&RP	Budget and Resource Planning
B&SP	Building and Space Committee
Ba	Barium (Chemical Element: At. No. 56)
BA	Budget Authorization
BAA	Broad Agency Announcement
BAAQMD	Bay Area Air Quality Management District
BAPL	Bettis Atomic Power Laboratory
BARnet	Bay Area Regional Research Network
BART	Bay Area Rapid Transit System
BASTEC	Bay Area Science and Technology Education Collaboration
BAT	Brilliant Anti-Tank
Bbbl	Billion Barrels
BBC	British Broadcasting Company
BC	Berkeley Campus
	Blackberry Canyon
BCC	Body Centered Cubic
BCCM	Berkeley Cluster Configuration Manager
BCG	Blackberry Canyon Gate
BCST	Board on Chemical Sciences and Technology
Be	Beryllium (Chemical Element: At. No. 4)
BE	Brite-Euan Microscope
BEA(G)	Building Energy Analysis Group
BEARS	Berkeley Experiments with Accelerated Radioactive Species BECA
BED	Buildings Energy Data Group
BEMARR	Building Energy Management Redesign and Retrofit
BEPS	Building Energy Performance Standards
BERC	Berkeley Electrochemical Research Center
BERD	Building Energy Research and Development
BES	Basic Energy Sciences
BESAC	Basic Energy Sciences Advisory Committee
BESB	Building Energy Sciences Branch
BESCC	Bulletin Spanish Glass and Ceramic Society
BEVALAC	Accelerator Complex (Bevatron & Super-Hilac)
BF	Bush Foundation, The
BFG-CIP	B. F. Goodrich, Collegiate Inventors Program
BGS	Berkeley Gas-Filled Separator
Bi	Bismuth (Chemical Element: At. No. 83).
BICMOS	Bipolar Complementary Metal-Oxide-Silicon
BIM	British Institute of Metals
BIP	Background Intellectual Property
BL	Biodynamics Laboratory
BLAS	Basic Linear Algebra Subroutines
BM/C ³	Battle Management/Command, Control, and Communications
BMD	Biology and Medicine Division
BMDO	Biology and Medicine Division Organization

Table of Abbreviations and Acronyms

Abbrevtns	Description
BML	Bodega Marine Laboratory
BNL	Brookhaven National Laboratory
BOD	Bod
BOMA	Building Owners and Managers Association
BPA	Bonneville Power Administration
BPE	Ball Park Estimate(s)
BPS	Bohmische Physical Society
Br	Bromine (Chemical Element: At. No. 35).
BRE	Building Research Establishment
BRP	Budget and Resource Planning, Office of
BRS	Biotechnology Research Subcommittee
BS	Biological System(s)
BSC	Biosafety Cabinet
BSO	Berkeley Site Office
BSGCS	Bulletin Spanish Glass and Ceramic Society
BSN	Business Sources on the Net.
BSyD	Building Systems Division
BT	Blue Triangle
BTDP	Biosystems Technology Development Program
BTEX	Benzene Toluene Ethyl Xylene
BTU	British Thermal Units
BTU(H)	British Thermal Units (per Hour)
BUR	Bottom-Up Review
BWC	Biological Weapons Convention
BYU	Brighan Young

C	Carbon (Chemical Element: At. No. 6)
C-4	Clean Car Coordinating Committee
C&M	Construction and Maintenance
Ca	Calcium (Chemical Element: At. No. 20)
CA	Clerical/Administrative
	Clinton Administration
CAA	California Alumni Association
CAAs	Contracted Advisory and Assistance Services
CAAA	Clean Air Act Amendment
CAB	Civil Aeronautics Board
	Customer Advisory Board
CACS	Commercial and Apartment Conservation Service
CAD	Computer-Aided Design
CAE	Computer Aided Engineering
Cal/EPA	California Environmental Protection Agency
Caff	Cafeteria
CAM	Center for Advanced Material
CAMP	Capital Assets Management Program
CAPP	Council for Automotive Research
CARB	California Air Resource Board
CARM	Chemistry for Alternative Ray Materials
	Chemistry in Alternate Reaction Media
CAS	Cost Accounting Standards
CASA	Computer Automated Systems Association
CAT	Crisis Action Team
CBD	Catalysis-by-Design
	Chemical Biodynamics Division
	Commerce Business Daily

Table of Abbreviations and Acronyms

Abbrevtns	Description
cBN	Cubic Boron Nitride
CC	College of Chemistry
CCA	Christopher Columbus Academy
CCC	Canadian Climate Center
CCD	Charge-Couple Device
	Cooling Degree Day(s)
CCDI	Christopher Columbus Discovery Institute
CCE	Cost of Conserved Energy
	Computer-Controlled Equipment
CCF	Central Computing Facility
	Hundreds of Cubic Feet
CCFF	Christopher Columbus Fellowship Foundation
CCI	Clean Car Initiative
	Cost Cutting Initiative(s)
CCMN	Center for Condensed Matter Nanosciences
CCR	Centers for Collaborative Research
	Council for Collaborative Research
	Council for Chemical Research
CCT	Clean Coal Technology
CCTP	California Competitive Technology Program
Cd	Cadmium (Chemical Element: At. No. 48)
CDE	Commercial Derivative Engine
CDF	Collider Detector at FermiLab
	Combustion Dynamics Facility
CDHS	California Department of Health Services
CDG	Central Design Group
CDMS	Charge Detection Mass Spectrometry
CDR	Conceptual Design Report
CDRL	Chemical Dynamics Research Laboratory
Ce	Cerium (Chemical Element: At. No. 58)
CEBAF	Continuous Electron Beam Accelerator Facility
CE	Center of Excellence
	Chemical Physics
	Chemical Engineering
	Conservation and Renewable Energy
	College of Engineering
CEB	Center for Environmental Biotechnology
CEBA	Continuous Electron Beam Accelerator
CEBAF	Continuous Electron Beam Accelerator Facility
CEC	California Energy Commission
CED	Chemical Engineering Department
CED	Comprehensive Epidemiological Data
CEES	Center for Energy and Environmental Studies

Table of Abbreviations and Acronyms

Abbrevtns	Description
CEO	Chief Executive Officer
CEQ	Council on Environment Quality Act
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERTS	Consortium for Electric Reliability Technology Solutions
CES	Chemical Engineering Sciences
CESP	Center of Excellence for Synthesis and Processing
CESPAM	Center of Excellence for Synthesis and Processing of Advanced Materials
CETS	Commission on Engineering and Technical Systems
Cf , cf.	Californium (Chemical Element: At. No. 98) An old Latin term meaning “refer to”, “reference”, or “regarding”. Its general use is at the beginning of a sentence and followed by a period (e.g., cf.).
CFA	Columbus Foundation Award
CFC	Chlorofluorocarbon
CFCG	Columbus Foundation Community Grant
CFD	Computational Fluid Dynamics
CFE	Conventional Forces in Europe
CFF	Columbus Fellowship Foundation
CFO	Chief Financial Officer
CFPPC	California Fair Political Practices Commission
CFR	Code of Federal Regulations, U.S.
CHD	Chemical Sciences Division
CHDF	Camille and Henry Dreyfus Foundation
CHEM	Chemical Chemistry
CHSP	Chemical Hygiene and Safety Plan
CHTSD	Ceramics and High-Temperature Superconductor Division
CI	Continuous Improvement
CIA	Central Intelligence Agency
CIC	Conflict of Interest Committee
CIG	Center for Isotope Geochemistry
CIN	Center for Integrated Nanotechnologies
CIPR	Cost of Intellectual Property Rights
CIRA	Computerized, Instrumented Residential Audit
CIS	Computing Infrastructure Support
CEBAF	Continuous Electron Beam Accelerator Facility
CIEE	California Institute for Energy Efficiency
CIM	Computer Integrated Manufacturing
CKA	Currently Known As
Cl	Chlorine (Chemical Element: At. No. 17)
CISB	Committee on In Situ Bioremediation
CKA	Currently Known As
CLEO	Conference on Laser and Electro-Optics
CLR	Computer Language Research
CLS	College of Letters and Science
Cm	Curium (Chemical Element: At. No. 96)
CM	Condensed Matter
CMA	Current Marketing Analyses
CMD	Contract Management Department
CMBD	Cell and Molecular Biology Division
CMF	California Museum Foundation

Table of Abbreviations and Acronyms

Abbrevtns	Description
CMM	Center for Microanalysis of Materials
CMOS	Complementary Metal-Oxide-Silicon
CMP	Condensed Matter Physics
CMR	Colossal Magnetoresistance
CMS	Center for Microtechnology Science
CMSD	Center for Molecular Structure and Dynamics
CMSI	California Museum of Science and Industry
CMST-CP	Characterization, Monitoring, and Sensor Technology
CMT	Condensed Matter Theory
CNET	Centre National d'Etudes et Telecommunications
CNIC	Commission on Nomenclature of Inorganic Chemistry
CNM	Center for Nanostructured Materials
CNN	Cable News Network
CNRF	Cold Neutron Research Facility
CNR	Communications and Networking Resources
Co	Cobalt (Chemical Element: At. No. 27)
COB	Close-of-Business
COBRA	Consolidated Omnibus Budget Reconciliation Act
COC	Chain of Command
	Chain of Custody
COD	Chemical Oxygen Demand
COE	Chain of Events
COO	Conduct of Operations
COP	Coefficient of Performance
COSE	Committee on Optical Science and Engineering
COSROS	Committee of Soviet Research on Superconductors
COWFLOP	Conservation Option which Forgets the Laws of Physics
COWPIES	Conservation Options which Produce Inelegantly but Satisfactorily
CP	Capital Projects
	Chemical Physics
	Chemical Procurement
	Circular Polarization
	Computational Physics
	Computer Programmer
	Computer Program(s)
CPA	Center for Particle Astrophysics
CPDS	Construction Project Data Sheet
CPES	Consumer Product Efficiency Standards
CPPM	Computer Protection Program Manager
CPR	Cardio-Pulmonary (Cardiopulmonary) Resuscitation
	Cardiovascular Pulmonary Resuscitation
CPS	Constricted-Plasma Source
CPSMA	Commission on Physical Sciences, Mathematics and Applications
CPSMR	Commission on Physical Sciences, Mathematics, and Resources
CPU	Central Processing Unit
CPUC	California Public Utilities Commission
Cr	Chromium (Chemical Element: At. No. 24)
CR	Clean Room
CRADAs	Cooperative Research and Development Agreements
CRC	Cancer Research Center
CRC/NCI	Cancer Research Center of the National Cancer Institute
CRD	Chemical Reaction Dynamics
CRDL	Chemical Reaction Dynamics Laboratory

Table of Abbreviations and Acronyms

Abbrevtns	Description
CRE	Conservation and Renewable Energy
CREL	Conservation and Renewable Energy Laboratory
CRF	Chemistry Research Facilities Combustion Research Facility
CROCS	Center for Research on Ocean Carbon Sequestration
CRP	Climate Research and Prediction
CRT	Cathode Ray Tube
Cs	Cesium (Chemical Element: At. No. 55).
CS	Chemical Sciences Computer Software
CSA	Canadian Standards Association Computer Security Act
CSAB	Computer Services Advisory Board
CSAC	Computing and Communications Services Advisory Committee Council on Superconductivity for American Competitiveness
CSC	Computer Support Center
CSD	Chemical Sciences Division Computer Sciences Division
CSE	Computing Systems Engineering
CSEE	Center for Science and Engineering Education
CSET	Chemical Science and Engineering Technology
CSGF	Computational Science Graduate Fellowship
CSI	Cambridge Systematics, Inc.
CSIH	Chemical Safety and Industrial Hygiene
CSP	Comprehensive Space Plan
CSREES	Cooperative State Research, Education, and Extension Service
CSUS	California State Universities System
CTBTO	Comprehensive Test Ban Treaty Organization
CTP	Critical Technologies Panel
CTR	Critical Technologies Research, Office of
Cu	Copper (Chemical Element: At. No. 29)
CUE	Coalition of University Employees, The
CUORE	Cryogenic Underground Observatory for Rare Events
CUST	Chengdu University of Science and Technology
CV	Cyclic Voltammetry
CVC	Conserved Vector Current
CVCGD	Cardiovascular Comparative Genomic Database
CVD	Chemical Vapor Deposition
CVT	Chemical Vapor Techniques
CWC	Chemical Weapons Convention
CWU	Case-Western University
CX	Categorical Exclusion
CXRO	Center for X-ray Optics
CY	Calendar Year
CYCLO	Cyclotron
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D&D	Databases and Data banks Decontamination and Decommissioning
D&P	Democracy and Peacekeeping
DA	District Attorney
DAC	Director's Action Committee

Table of Abbreviations and Acronyms

Abbrvtns	Description
DAAD	Deutsche Akademische Austausch Dienst
DAL	Director's Assurance Letter
DAP	Directory of Administrative Procedures
DARHT	Dual Axis Radiographic Hydrodynamic Testing
DARPA	Defense Advanced Research Projects Agency
DAS	David A. Shirley
DBA	Division Budget Administrator
DBOF	Defense Business Operations Fund
DBR	Division Business Representative
DC	Davis Campus
	Department of Commerce
	Diamond Cubic
DCA	Direct Calorimetric Assay
DCC	Divisional Council Committee
DCE	Department of Chemical Engineering
DCEE	Department of Civil and Environmental Engineering
DCRTAA	Defense Conversion, Reinvestment, and Transition Assistance Act
DECnet	Digital Equipment Cooperation's Networking System
DD	Division Director
DDP	Divisional Diversity Plan
Def	Definition
DEMO	Demonstration
DEMOPP	Demonstration Power Plan
DERA	Defense Environmental Restoration Account
DESC	Defense Environmental Security Council
DFs	Divisional Fellows
DFAS	Defense Finance and Accounting Service
DGS	Department of Governmental Services
DH	Division Head
DHP	Disordered Heteropolymer(s)
DHS	Department of Health Services
DIET	Desorption Induced by Electronic Transitions
Disc	Disclaimer
DISE	Department of Instrument Science and Engineering
Disp	Dispute
DLP	Digital Light Processing
DMM	Digital Millimeters
DP	Defense Program
	Defense Project
	Distributed Printer
	Diversity Plan
DPC	Division Property Coordinator
DPR	Division Property Representative
DPSD	Data Processing Services Department
DPTA	Diethylenetriaminepentaacetic Acid
DRR	Director's Research Roundtable
DRSC	Divisional Research Staff Committee
DSC	Differential Scanning Calimetry
DSI	Data Storage Institute
DSM	Diffusing Single Molecules
DSO	Defense Science Office
DT	Department of Transportation
DUD	Dual-Use Development

Table of Abbreviations and Acronyms

Abbrevtns	Description
DUG	Dataretrieve Users' Group
DUT	Dual-Use Technology
DURIP	Defense University Research Instrumentation Program
DUSD	Deputy Undersecretary of Defense
DVP	Distinguished Visiting Professor
DWPF	Defense Waste Processing Facility
DWR	Department of Water Resources
Dy	Dysprosium (Chemical Element: At. No. 66)
DTCC	Defense Technology Conversion Council
DTP	Designing Training Program
DTSA	Defense Technology Security Administration
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E	Epsilon
E&G	Engineering and Geosciences
E&LR	Employee and Labor Relations
E&TRI	Electronics & Telecommunications Research Institute
EA	Environmental Assessment
EAP	Education Abroad Program Employee Assistance Program Energy Analysis Program
EB	Energy BioSciences
EBIS	Electron Cyclotron Resonance Source
EBMUD	East Bay Municipal Utilities District
EC	Energy Conversion Devices Export Control
EC&S	Energy Conversion and Storage
EC/EDI	Electronic Commerce/Electronic Data Interchange
ECAC	Energy Cost Adjustment Clause
EC	Electromagnetic Calorimeter
ECC	Emergency Command Center
ECL	Electrochemiluminescent
ECM	Energy Conservation Measure Extracellular Matrix
ECMS	Energy [Conservation] and Management System(s)
ECR	Electron Cyclotron Resonance
ECPC	Energy Conservation Planning Committee
ECR	Electron Cyclotron Resonance
ECUT	Energy Conservation and Utilization Technologies
ED	Engineering Division
EDF	Environmental Defense Fund
EDI	Economic Development Initiatives
EDLCs	Electric Double Layer Capacitors
EDP	Employee Development Program
EDTP	Employee Development Training Program
EDTA	Ethlenediaminetetraacetic Acid
EDTU	Employee Development and Training Unit
EDS	Energy-dispersive Spectrometer
E-EIA	Energy-Efficient Improvement Award
EEIA	Energy-Efficient Improvement Award
EEB	Energy Efficiency Buildings Program

Table of Abbreviations and Acronyms

Abbrevtns	Description
EE (E&E)	Energy and Environment
EED	Energy and Environment Division
EER	Energy Efficient Ratio
	Energy Efficiency Research
EELS	Electron-Energy-Loss Spectroscopy
EEMR	Electronic Equipment Movement Records
EEO	Equal Employment Opportunity
EEOC	Equal Employment Opportunity Council
EISACD	Environmental Impact and Safety Analysis Classification Document
EITF	Electronics Instrumentation Task Force
EKA	Earlier Known As
ELSI	Ethical, Legal and Social Impacts
EM	Electron Microscope
	Environmental Management, Office of
	Exposure Monitor(ing)
EmaCC	Energy Materials Coordinating Committee
EMC	Energy Management Control
EMF	Environmental Monitoring Facilities
EMFA	Environmental Monitoring Facilities Assessment
EMI	Energy Management Incentive
EML	Environmental Measurements Laboratory
EMMP	Environmental Monitoring and Mitigation Plan
EMP	Environmental Monitoring Plan
EMR	Equipment Movement Record
EMSA	Electron Microscopy Society of America
EMSC	Environmental Management Steering Committee
EMSP	Environmental Management Science Program
EMT	Emerging Materials Technologies
EMUC	Electron Microscope Users Committee
EOBA	Employee Outside Business Activity
EOS	Equation-of-State
EPI	Electron-Phonon Interactions
EPOP	Energy Performance of (OF) Buildings
EP	Elliptical Polarization
EPA	Energy Policy Act
	Environmental Protection Agency
EPID	Elliptical Polarization with an Insertion Device
EPR	Electron Paramagnetic Resonance
EPRI	Electric Power Research Institute
EPSCoR	Experimental Program to Stimulate Competitive Research
Er	Erbium (Chemical Element: At. No. 68).
ER	Employee Relations
	Energy Research, Office of
ER-LTP	Energy Research Laboratory Technology Program
ER-LTT	Energy Research Laboratory Technology Transfer
ERAM	Exploratory Research on Advanced Materials
ERC	Electronics Research Center
	Equipment Review Committee
ERDA	Energy Research and Development Administration
ERDF	Exploration Research and Development Administration
ERFA	Energy Research Financial Assistance Program
ERG	Energy and Resources Group
	Energy Renormalization Group

Table of Abbreviations and Acronyms

Abbrevtns	Description
ERO	Emergency Response Organization
ERS	Electronic Reference Shelf
ERWM	Environmental Restoration and Waste Management
Es	Einsteinium (Chemical Element: At. No. 99)
ES	Emission Spectroscopies
	Environmental Security
ESA	Electron-Spin Analyzer
	European Space Agency
ESDDM	Energy Sciences Division Directors Meeting
ESCA	Electron Spectroscopy for Chemical Analyzes
ES&H	Environmental Safety and Health
ESM	Energy Signature Monitor
ESnet	Energy Science Network
ESS	Energy Simulation Specialist
ESSD	Environment and Safety Support Division
ESTs	Expressed Sequence Tags
ETA	Employees' Travel Association
	Estimated Time of Arrival
ETBE	Ethanol and Ethyl Tertiary Butyl Ether
ETCOR	Energy-Temperature CORelation
ETEC	Energy Technology Engineering Center
ETPP	Energy Technology Partnerships Program
ETI	Environmental Technology Initiative
ETRP	Employer Trip Reduction Plan
ETTU	Envelope Thermal Test Unit
Eu	Europium (Chemical Element: At. No. 63)
EUA	Energy Utilization Analysis
EUI(s)	Energy Utilization Indice(s)
EUN	Energy User News
EUVL	Extreme Ultra Violet Lithography
EVAN	Electronic Verification of Account Number
EWD	Energy and Water Development
EXAFS	Extended X-ray Absorption Fine-Structure
=====	
F	Facilities
F&LCC	Field and Laboratory Coordination Council
FA	Factor Analysis
FA/PR	Factor Analysis/Particulate Matter
FAR	Federal Acquisition Regulation
FASAC	Foreign Applied Sciences Assessment Center
FASEB	Federation of the American Societies for Experimental Biology
FBWL	Frederick Biological Warfare Laboratory
FBNML	Francis Bitter National Magnet Laboratory
FC	Fuel Cell
FCC	Face Centered Cubic
	Federal Communications Commission
FCCAS	Federal Conference on Commercial Applications of Superconductivity
FCCSET	Federal Coordinating Council for Sciences Engineering and Technology
FCPP	Fuel Cell Power Plant
FCPS	Fuel Cell Power Section

Table of Abbreviations and Acronyms

Abbrevtns	Description
FCR	Full Cost Recovery
FCRC	Frederick Cancer Research Center
FCT	Funding and Costs Term
FD	Facilities Department
FE	Fossil Energy
FEA	Federal Energy Administration
FEL	Free-Electron Laser
FEMA	Federal Emergency Management Agency
FEMP	Federal Energy Management Program
FERC	Federal Energy Regulatory Commission
FFCA	Federal Facility Compliance Act
FFCF	First Flight Centennial Foundation
FGM	Functional Gradient Materials
FHPCP	Federal High Performance Computing Program
FIFRA	Federal Insecticide, Fungicide and Rodenticide Control Act
FIMS	Facilities Information Management System
FINICS	Fire-succession Model for Coastal Scrub
FIRST	Far Infrared and Submillimeter Telescope
FLC	Federal Laboratory Consortium
FLCC	Field and Laboratory Coordination Council
FLSA	Fair Labor Standards Act
FM	Facilities Management
	Financial Management
	Functional Macromolecules
FMFIA	Federal Managers' Financial Integrity Act, The
FMS	Financial Management Systems
FMTSD	Facilities Management and Technical Services Division
FN	Facility Notebook
FNAL	Fermi National Accelerator Laboratory
FOAKE	First-Of-A-Kind Engineering
FOGM	Fiber Optic Guided Missile
FOM	Facilities Operations and Management
FONSI	Finding of No Significant Impact
FP	Fuel Processor
FPA	Filing Patent Applications
FPDs	Flat-panel Displays
FP	Financial Plan
FPO	Financial Plan for Operations
FR	Federal Register
FRET	Fluorescence Resonance Energy Transfer
FROG	Frequency Resolved Optical Gating
fs	Femtosecond
FSAC	Faculty Scientific Advisory Committee
FSCATT	Fire Support Combined Arms Tactical Trainer
FST	Fractionation Separation Technology
FSU	Former Soviet Union
FTC	Federal Trade Commission
FTE	Full-Time-Equivalent
FTP	Field Task Proposal
FTS	Federal Telecommunications Service
FTPA	Field Task Proposal Agreement
FUC	Fucus Distichus
FUE	Fuel Utilization Efficiency

Table of Abbreviations and Acronyms

Abbrevtns	Description
FUSC/B	Federal University of Sao Carlos
FVU	Foreign Visitors Unit
FWP	Field Work Package
FY	Fiscal Year
FYI	For Your Information
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GaAs	Gallium Arsenide
GAC	General Awareness Course
GAMA	Gas Appliance Manufacturers' Association
GAMMA	Greek Alphabet (third letter)
GAO	General Accounting Office
GAP	Grade Point Average
GAS	General Services Administration
GBR	Ground-based Radar
GC	Geochemistry
GC-IRMS	GasChromatogrph-Isotope Ration Monitoring Mass Spectrometer
GC/MS	Gas Chromatography/Mass Spectroscopy
GCAN	General Counsel of Athena Neurosciences
GCD	Grants and Contracts Division
GCM	General Circulation Model
GCS	German Chemical Society
GD	General Dynamics
GEM	Genetically Engineered Microorganisms
GERC	Global Environmental Research Council
GERT	General Employee Radiation Training
GFCI	General Fault Circuit Interrupter
GFS	Gammasphere Fragment Separator
GG&ED	Geology, Geophysics and Earth Dynamics
GGA	Generalized Gradient Approximation
GIS	Government Information Sources
GMC	General Motors Company
GMD	Gas Micro-Detector
GMDP	Gas Micro-Detector Group
GMF	Guggenheim Memorial Fellowship
GMU	George Mason University
GNP	Gross National Product
GOP	Grand Old Party
GP	General Plant
GPC	General Plant Committee
GR	Graduate Research
GRC	Gordon Research Conference
GRET	Gamma-Ray Energy Tracking Array
GRI	Gas Research Institute
GSRA	Graduate Student Research Assistant
GT	Glossary of Terms
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Table of Abbreviations and Acronyms

Abbrevtns	Description
HAC	House Appropriations Committee
HAS	Hungarian Academy of Sciences
HB	Hi-Bay, High Bay
HBC	House Budget Committee
HBCU	Historically Black Colleges and Universities
HCM	Hazard Control Measure(s)
HCN	Hydrogen Cyanide
HCP	Hexagonal Close Packed
HCS	High-Content Screening
	Hungarian Chemical Society
HCT	Hazardous Communications Training
HDAC	Hydrothermal Diamond Anvil Cell
HDD	Heating Degree Day(s)
HEAP	High Efficiency Particulate Air
	High Energy Atomic Physics
HEAR	Hazards, Equipment, and Authorizations Review
HEE-ERA	Higher Education Employer-Employee Relations Act
HEIS	Hanford Environmental Information System
HEPA	High Efficiency Particulate
HEPAP	High Energy Physics Advisory Panel
HER	Health and Environmental Research
HERS	High-Energy Resolution Spectrometer
HEU	Highly Enriched Uranium
HEWAS	House Energy and Water Appropriations Subcommittee
HF	Hydrofluoric Acid
HFBR	High Flux Beam Reactor
HFIR	High Flux Isotope Reactor
HFLSM	High Field Laboratory for Superconducting Materials
HGC	Human Genome Center
HI	Hydrothermal Industrialization
Hi-Tc	High-Temperature Superconductivity
HID	High Intensity Discharge
HIDTA	High Intensity Drug Trafficking Area
HIF	Heavy Ion Fusion
HIFAR	Heavy Ion Fusion Accelerator Research
HILAC	Heavy Ion Linear Accelerator
HILDE	Hildebrand Hall
HINR	Heavy Ion Nuclear Research
HIS	High Impact Site(s)
HIV	Human Immunodeficiency Virus
HLW	High Level Waste
HMB	Hearst Mining Building
HMMB	Hearst Memorial Mining Building
HMF	Hertz Memorial Foundation
HMMP	Hazardous Materials Management Plan
HNR	Hanford Nuclear Reservation
HOT	Highly Optimized Tolerance
HP	Hewlett Packard
	Hill Page
HPS	High Pressure Sodium
HR	Human Resource
HRD	Human Resource Department
HRE	High Risk Evaluation

Table of Abbreviations and Acronyms

Abbrevtns	Description
HREM	High-Resolution Electron Microscope
HRIBF	Holifield Radioactive Ion Beam Facility
HRIS	Human Resource Information Systems
HRMS	Human Resource Management System
HSFF	Heating Seasonal Performance Factor
HIS	Hispanic Serving Institutions
HUD	Housing and Urban Development
HVAC	Heating, Ventilating, and Air Conditioning
HVACR	Heating, Ventilating, Air Conditioning and Refrigeration
HVEM	High-Voltage Electron Microscope
HPCS	High Performance Catalyst Synthesis
HPLC	High-Performance Liquid Chromatograph
	High-Pressure Liquid Chromatograph
HPWTC	House Public Works and Transportation Committee
HQ	Headquarters
HR	High Risk
	House of Representatives
	Human Resources
HRD	Human Resource Department
HS	Health Services
HSEAC	Health, Safety and Environment Advisory Committee
HREELS	High-Resolution Electron Energy Loss Spectroscopy
HTE	High-Temperature Experiment
HTML	High-Temperature Materials Laboratory
HTS	High-Temperature Superconductor
	High-throughput Screening
HTSC	High-Temperature Superconductivity
HU	Harvard University
HUB	Humbolt University, Berlin
HUD	Housing and Urban Development
HUGO	Human Genome Organization
HVAC	Heating, Ventilation and Air-Conditioning
HVEM	High-Voltage Electron Microscope
HVTEM	High-Voltage Transmission Electron Microscope
HWHF	Hazardous Waste Handling Facility
=====	
I&E	Inspection and Evaluation
IAC	International Academy of Ceramics
IAD	Ion Angular Distribution
IAEA	International Atomic Energy Agency
IAMP	Institute of Atomic and Molecular Physics
IAPLD	Ion-Assisted Pulsed Laser Deposition
IARW	International Association of Refrigerated Warehouses
IAS	Internal Audit Services
IASD	Internal Audit Services Department
IBAF	Ion Beam Analytical Facility
IBL	Ion Beam Lithography
IBM	International Business Machines
IC	Integrated Circuit
	Irvine Campus

Table of Abbreviations and Acronyms

Abbrevtns	Description
ICBM	Intercontinental Balistic Missile
ICCE	International Community for Composites Engineering
ICDS	International Conference on Energy Use Management
ICF	Inertial-Confinement Fusion
ICISS	Impact Collision Ion Scattering Spectroscopy
ICM	Image Color Matching
ICMC	International Cryogenic Materials Conference
ICS	Integrated Communications System
ICP	Institutional Conservation Program
ICSD	Information and Computing Sciences Division Integrated Communications Systems Division
IDI	Ion Diagnostics, Inc.
IEA	International Energy Agency
IEEE	Institute of Electrical and Electronic Engineers
IEG	Industrial Ecology Group
IES	Illuminating Engineering Society
IFA	Integrated Functional Appraisal
IFSEM	International Federation of Societies for Electron Microscopy
IGP	Industry and Government Partnerships
IGM	Interactive Graphics Machine
IGU	International Gas Union
IHA	Integrated Hazards Assessment
IHEM	In-House (or Inhouse) Energy Management
IIB	International Institute of Biotechnology
IIR	International Institute of Refrigeration
ILS	Interdisciplinary Laser Science
ILSE	Induction Linac Systems Experiment
IM	Institute of Metals
IMAP	Internet Message Access Protocol
IMC	Irvine Medical Center
IME	Institute of Microelectronics
IMR	Institute for Metals Research
IMS	International Metallographic Society
IMSD	Information Management Systems Development
INEL	Idaho National Engineering Laboratory
INPA	Institute for Nuclear and Particle Astrophysics
INT	Institute for Nuclear Theory
IOFM	Institute of Optics and Fine Mechanics
IPCC	Intergovernmental Panel on Climate Change
IPNs	Interpenetrating Polymers
IPNSP	Intense Pulsed Neutron Source Project
IPP	Industrial Partnership Program
IR	Infrared
IRAD	Independent Review and Assurance Department
IRAS	Infrared Astronomical Satellite
IRM	Information Resources Management
IRMPD	Infrared Multiphoton Dissociation
IRP	Integrated Resource Planning
IRS	Internal Revenue Service
ISBN	International Standard Book Number
ISCRE	International Symposium on Chemical Reaction Engineering

Table of Abbreviations and Acronyms

Abbrevtns	Description
ISE	International Society of Electrochemistry
ISES	International Solar Energy Society
ISL	Isospin Laboratory
ISM	Integrated Safety Management
ISMR	International Society of Magnetic Resonance
ISMS	Integrated Safety Management System
	Integrated Standards Based Management System
ISPD	Integrated Science Partnership Project
ISRC	Independent Substantive Review Committee
ISS	Ion Scattering Spectroscopy
ISSYS	Integrated Sensing Systems
IT	Industrial Technologies, Office of
ITAR	International Traffic in Arms Regulations
ITER	International Thermonuclear Experimental Reactor
	International Tokamak Experimental Reactor
ITRI	Inhalation Toxicology Research Institute
IUPAC	International Union of Pure and Applied Chemistry
IUPAP	International Union of Pure and Applied Physics
IVR	Initial Value Representation
IWGNSET	Interagency Working Group on Nanoscale Sciences, Engineering, and Tehnology
IZA	International Zeolite Association

JAAR	Job Area Acceptance Range
JCC	Joint Congressional Committee
JCP	Joint Congressional Committee on Printing
JDAM	Joint Direct Attack Munitions
JEFF	Judiciously Efficient Fixed Frame
JES	Justification for Extended Storage
JGI	Joint Genome Institute
JHU	Johns Hopkins University
JIS	Japanese Industrial Standards
JOE	Juvenile Opportunities Endeavor
JPA	Joint Participation Agreement
JPATS	Joint Primary Aircraft Training System
JPL	Jet Propulsion Laboratory
JPTA	Job Training and Partnership Act
JRAIA	Japan Refrigeration Air Conditioning Industry Association
JRCAT	Joint Research Center for Atom Technology
JSA	Japanese Standards Association
JSGMF	John Simon Guggenheim Memorial Foundation
JST	Japan Science and Technology Corporation
JSTC	Japan Science and Technology Corporation
JSTARS	Joint Surveillance and Target Attach System
JSU	Jackson State University
JUMA	Joint Work Statements
	Joint Work Stations

Table of Abbreviations and Acronyms

Abbrevtns	Description
K	Kilowatts Potassium
KAPL	Knolls Atomic Power Laboratory
KAO	Kuiper Airborne Observatory
KCP	Korea Cooperation Program
KISTEP	Korea Institute of Science and Technology Evaluation and Planning
KLH	Keyhole Limpet Hermocyanin
KTH	Kungl Tekniska Hogskolan
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L-RSDP	Long-Range Site Development Plan
LAA	Loop Amino Acids
LADWP	Los Angeles Department of Eater and Power
LANA	Latino and Native-American Association
LANL	Los Alamos National Laboratory
LASD	Laboratory Self-Assessment and Development
LB	Langmuir-Blodgett
LBL	Lawrence Berkeley Laboratory
LBLCE	Lawrence Berkeley Local Computing Environment
LBLnet	Laboratory-wide Computer Network and Development Program
LBLNL	Lawrence Berkeley National Laboratory
LC	Library Committee
	Liquid Crystals
LCA	Life-Cycle Assessment
LCC	Laboratory Coordinating Council
LCP	Liquid Crystalline Polymer(s)
LDA	Local Density Approximation
LDC	Less-Developed County
LDP	Laboratory Diversity Plan
LDR	Land Disposal Restriction
LDRD	Laboratory Directed Research and Development Funds
LEC	Licensing Executive Society
LEDs	Light Emitting Diodes
LEED	Low Energy Electron Diffraction
LED	Light-Emitting Diodes
LEOS	Lases and Electro-Optics Society
LERDWG	Laboratory Energy R&D Working Group
LETS	Laboratory Employee Timekeeping System
	Laboratory Electronic Timekeeping Studies
LFC	Laboratory Finance Committee
LHC	Large Hadron Collider
LI	Labeling Information
LIEP	Laboratory Integrated Facilities Plan
LIF	Laser-Induced Fluorescence
LLNL	Lawrence Livermore National Laboratory
LLO	Laser Liftoff
LMC	Laboratory Management Council
LOB	Laboratory Operations Board
LOI	Letter(s) of Intent
	Letter(s) of Interest
LOTO	Lockout/Tagout

Table of Abbreviations and Acronyms

Abbrevtns	Description
LP	Lean Premixed Long Playing
LPE	Liquid Phase Epitaxy
LPP	Low-Paid Positions
LRDP	Long-range Development Plan
LREH	Laboratory of Radiobiology and Environmental Health
LSNUF	Light Source Nanoscience User Facility
LSC	Laboratory Staff Committee
LSCM	Laser Scanning Confocal Microscope
LSI	Latent Semantic Indexing
LSO	Laser Safety Officer
LST	Laboratory Study Team(s)
LSU	Louisiana State University
LTAD	Laboratory Technology Applications Division
LTR	Laboratory Technology Research
LTRP	Laboratory Technology Research Program
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M&O	Management and Operations
MAAR	Management Affirmative Action Report
MAC	Macintosh Computer
MAERC	Minority Access to Energy Related Careers
MARP	Multi-Atomic Resonant Photoemission
MARPE	Multi-Atomic Resonant Photoemission
MATAC	Mid-Atlantic Technology Center
MB&RF	Mechanical Behavior and Radiation Effects
MBE	Molecular Beam Epitaxy
	Multiple-Beam Experiment
MBOD	Million Barrels of Oil Per Day
MBT	Muticast Backbone Tools
MBP	Materials and Bulk Processes
MC	Materials Chemistry
MCB	Metallurgy and Ceramics Branch
MCS	Medical Consultation(s) and Surveillance
MCSD	Materials and Chemical Sciences Division
MDI	Molecular Design Initiative
	Molecular Design Institute
MDL	Microelectronics Development Laboratory
MDP	Molecular Design Project
MEA	Materials for Electronic Applications
MEF	Marine Expeditionary Force
MEL-FS	Multiprogram Energy Laboratory Facilities Support
MEMS	Micro-Electromechanical Systems
MEP	Master Energy Plan
MER	Materials for Environmental Restoration
MESH	Management of Environmental, Safety and Health
METC	Morgantown Energy Technology Center
MEVVA	Metal-Vapor Vacuum ARC
MF	Magnetic Fusion
MFF	Materials Fabrication Facility
MFE	Magnetic Fusion Energy
MFSD	Major Facilities Statistics Definition

Table of Abbreviations and Acronyms

Abbrevtns	Description
MFTF	Mirror Fusion
MIC	Major International Conferences
MI	Miller Institute, The
MICSD	Mathematical, Information and Computational Sciences Division
MIP	Metals Initiative Program
MIT	Massachusetts Institute of Technology
MM	Magnetic Measurements Metal Multilayers
MMC	Materials MicroCharacterization Centers Materials MicroCharacterization Collaboration Molecular Materials and Conductors
MMI	Michigan Molecular Institute
MMM	Magnetic Materials Microscope Magnetism and Magnetic Materials
MMML	Magnetic Materials Microscopy Laboratory
MMMS	Metals, Minerals and Materials Society
MMR	Materials and Molecular Research
MMRD	Materials and Molecular Research Division
MMRL	Maskless Micro-Beam Reduction Lithography
MMS	Minerals Management Services
MN	Magnetic Nanomaterials
MPI	Max-Planck Institute
MO	Magneto-Optical Maintenance/Operations Management and Operations
MOCVD	Modulated Chemical Vapor Deposition
MOD	Ministry of Defense
MOU	Memorandum of Understanding
MOR	Magneto-Optical Rotation
MoWITT	Mobile Window Terminal Test
MPG	Miles Per Gallon
MPN	Most Probable Number
MRCs	Major Regional Conflicts
MRD	Molecular Recognition and Design
MRI	Magnetic Resonance Imaging
MRL	Materials Research Laboratory
MRO	Maintenance, Repair and Operating
MRS	Materials Research Society
MRSOX	Mechanically Reliable Surface Oxide
MS	Materials Sciences
MSA	Microscopy Society of America
MSAP	Management Skills Assessment Program
MSD	Materials Sciences Division Materials Safety Data Sheets
MSE	Materials in Severe Environments Materials Science and Engineering
MSME	Materials Science and Mineral Engineering
MSF	Machine Shop Facility
MSP	Management and Senior Professional Minority Scholars Program
MSRC	Molecular Science Research Center
MSS	Multifunctional Systems Synthesis
MSU	Montana State University

Table of Abbreviations and Acronyms

Abbrevtns	Description
MTFs	Memorandums-to-File
MUG	Macintosh Users Group
MVMA	Motor Vehicles Manufacturing Association
MW	Megawatts
MWFD	Managing Work Force Diversity
MWNTs	Multiwalled Carbon Nanotubes
=====	
N&S	Necessary and Sufficient
N&S/WSS	Necessary and Sufficient Process Leading to Work Smart Standards
NAAQS	National Ambient Air Quality Standard
NABIR	Natural and Accelerated Bioremediation
NACEPT	National Advisory Council for Environment Policy and Technology
NADDRG	North American Deep Drawing Research Group
NAE	National Academy of Engineering
NAECA	National Academy of Sciences
NAMMI	National Advanced Manufacturing and Materials Initiatives
NAMT	National Advanced Manufacturing Test Bed
NANO	Nanometer
NAPL	Nonaqueous Phase Liquid
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NASI	Native American Serving Institutions
NASW	National Association of Women Executives
NATO	North Atlantic Treaty Organization
NBC	National Broadcasting Company
NBS	National Bureau of Standards
NC	Nanocrystal Center
	Nonproliferation Committee
NCA	National Competitiveness Act
nCAM	(Not) Center for Advanced Materials
NCAM	National Center for Advanced Materials
NCAR	Nonconformance and Corrective Action Report
NCDC	National Climatic Data Center
NCEM	National Center for Electron Microscope
NCEP	National Center for Environmental Prediction
NCHGR	National Center for Human Genome Research
NCI	Nano Characterization and Instrumentation
	National Cancer Institute
NCII	National Clean Industry Initiative
NCM	Networking and Communications in Manufacturing
NCMC	National Critical Materials Council
NCMS	National Center for Manufacturing Sciences
NCS	National Commission on Superconductivity
	North Carolina State
NCSA	National Center for Supercomputing Applications
NCST	National Council on Science and Technology
NCT	National Critical Technologies
NCTTA	National Competitive Technology Transfer Act
NDO	Nonlinear Dynamics and Optics
NDOS	Nonlinear Dynamics in Optical Systems

Table of Abbreviations and Acronyms

Abbrevtns	Description
NDTA	Nuclear Defense Teaching Act Nuclear Defense Training Act
NEDO	New Energy and Industrial Joint Research
NELs	National Environmental Laboratories
NEO	New Employee Orientation
NEPA	National Environmental Policy Act
NERSC	National Energy Research Supercomputer Center
NES	National Energy Strategy
NESHAP	National Emission Standards for Hazardous Air Pollutants
NETAC	National Environmental Technology Applications Corporation
NEXAFS	Near-edge X-ray Absorption Fine Structure
NFIC	National Fraud Information Center
NFO	Near Field Optics
NFPA	National Food Processors Association scientific and
NGS	Non-Government Standards
NHLBI	National Heart, Lung, and Blood Institute
NHMFLL	National High Magnetic Field Laboratory
NICE	National Institute of Ceramic Engineers
NIH	National Institute of Health
NIS	New Independent State
NIST	National Institute of Standards and Technology
NIT	National Technology Initiative
NITA	National Inventive Thinking Association
NL	Nano Lithography Nobel Laureate
NLGERC	Northwest Laboratories Global Environmental Research Council
NLPRT	National Laboratories Participating Research Team
NMD	Nano Materials and Devices
NML	National Magnetic Laboratory
NMR	Nuclear Magnetic Resonance
NMS	National Medal of Science to
NNI	National Nanotechnology Initiative
NNS	Nonproliferation and National Security, Office of
NNSA	National Nuclear Security Administration
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Completion
NOD	Notice of Determination
NOEKS	Nonlinear Optics and Excitation Kinetics in Semiconductors Nuclear Optics and Excitation Kinetics in Semiconductors
NOI	Notice of Intent
NOP	Notice of Preparation
NP	Nobel Prize
NPC	National Petroleum Council
NPM	Nanoscale Phenomena in Materials National Program Manager
NPOSR	Naval Petroleum and Oil Shale Reserves
NPP	Nuclear Propulsion Program
NPR	Nuclear Posture Review
NPRC	Naval Petroleum Reserves (in California)
NPT	Nuclear Non-Proliferations Treaty
NQR	Nuclear Quadrupole Resonance

Table of Abbreviations and Acronyms

Abbrevtns	Description
NRA	National Rifle Association Nuclear Reaction Analysis
NRC	National Research Council
NRF	Nanosciences Research Facility
NREL	National Renewable Energy Laboratory
NRELAE	National Renewable Energy Laboratory Area Office
NRICGP	National Research Initiative Competitive Grants Program
NS&TFM	Nanoscale Science and Technology in Functional Materials
NSA	Nuclear Security Administration
NSAC	Nuclear Science Advisory Committee
NSB	National Science Board
NSC	National Science Council
NSBP	National Society of Black Physicists
NSC	National Security Committee
NSCP	Nuclear Security and Counterproliferation
NSD	Nuclear Science Division
NSER	New Sciences with Electromagnetic Radiation
NSERC	Natural Sciences and Engineering Research Council
NSET	Nanoscale Sciences, Engineering, and Technology
NSF	National Science Foundation
NSHMF	National Service for High Magnetic Fields
NSLS	National Synchrotron Light Source
NSNS	National Spallation Neutron Source
NSOM	Near-field Scanning Optical Microscope
NSP	National Science Policy
NSRC	Nanoscale Science Research Center
NSRCF	Nanoscale Science Research Center Facility
NSS	Neutron Spallation Source
NSST	Nanometer-Scale Science and Technology
NSTB	National Sciences and Technology Board
NSTC	National Science and Technology Council
NTA	Nitrilotriacetic Acid
NTD	Neutron-Transmutation-Doped
NTLF	National Tritium Labeling Facility
NTI	National Technology Initiative
NTIP	National Technology Initiative Program
NTRS	National Technology Roadmap for Semiconductors
NTTC	National Technology Transfer Center
NTU	National Technological University
NUC	Nuclear
NW	Nuclear Waste
NWPAA	Nuclear Waste Policy Amendments Act
=====	
O&M	Operations and Maintenance
OA	Operational Awareness
OAA	Office of Assurance and Assessment Operational Awareness Activities
OADEF	Operational Awareness Data Evaluation and Feedback
OAK	Oakland Operations Office
OÅM	One Angstrom Microscope
OAP	Operations and Assurance Program
OAR	Office of Advanced Research
OAS	Office of Assessment and Support

Table of Abbreviations and Acronyms

Abbrevtns	Description
OB	Operations Building
OBAP	Outside Business Activity Policy
OBES	Office of Basic Energy Sciences
OC	Organic Chemistry
OCM	Office of Contract Management
OBT	Office of Building Technologies
OCA	Organizational Cultural Assessment
OCLI	Optical Coating Laboratory, Inc.
OCR	Office of Coal Research
OCS	Outer Continental Shelf
OCTC	Organization Chart and Titles Committee
OCTR	Office of Computational and Technology Research
OCD	Office of Civil Defense
OCS	Organizational Culture Survey
OCI	Organizational Culture Inventory
OCNR	Office of the Chief of Naval Research
ODAFSD	Office of Departmental Accounting and Financial Systems Development
ODE	Orientation-Dependent Etching
ODH	Oxygen Deficiency Hazard
ODS	Operation Desert Storm
OE	Operating Expense(s)
OECD	Organization for Economic Cooperation and Development
OEM	Office of Energy Management
OER	Office of Energy Research
OESD	Office of Energy Storage and Distribution
OEUR	Office of Energy Utilization Research
OFA	Office of Alcohol Fuels
OFCCP	Office of Federal Contract and Compliance Program
OFEMP	Office of Federal Energy Management Programs
OGM	Office of Grants Management
OHD	Occupational Health Division
OTHER	Office of Health and Environmental Research
OHP	Occupational Health Program
OHVT	Office of Heavy Vehicle Technologies
OIG	Office of Inspector General
OIMS	Office of Information Management System
OIP	Office of Industrial Process
OIT	Office of Industrial Technologies
OKA	Otherwise Known As
OJT	On the Job Training
OLM	Office of Laboratory Management
OM	Office of Management
OMB	Office of Management and Budget
OMCVD	Organometallic Chemical Vapor Disposition
OMR	Office of Management and Resources
OMVPE	Organometallic Vapor Phase Epitaxy
ONR	Office of Naval Research
OOO	Oakland Operations Office

Table of Abbreviations and Acronyms

Abbrevtns	Description
OPA	Office of Program Analysis Office of Planning and Analysis Office of Planning and Assessment Office of Planning and Assurance Optical Society of America
OPC	Office of Planning and Communications Oxidential Petroleum Company
OPCW	Organization for Prohibition of Chemical Weapons
OPD	Office of Planning and Development
OPEC	Organization of Petroleum Exporting Countries
OPRTNS	Operations
OPS	Operations
OPUS	Office of the President of the United States
ORAU	Oak Ridge Associated Universities
ORISE	Oak Ridge Institute for Science and Engineering
ORM	Office of Resource Management
ORNL	Oak Ridge National Laboratory
ORT	Often referred to
OS&E	Optical Science and Engineering
OSA	Optical Society of America
OSC	Office of Scientific Computing
OSD	Office of the Secretary of Defense
OSF	Oakland Scientific Facility Off-site Facilities
OSHA	Occupational Safety and Health Act Occupational Safety and Health Administration
OSI	Office of Scientific Integrity
OSIA	On-Site Inspection Agency
OSP	Operations Safety Procedures
OSR	Office of Sponsored Research
OSRA	Office of Sponsored Research Administration
OST	Office of Science and Technology
OSTI	Office of Scientific and Technical Information
OSTP	Office of Science and Technology Policy
OTA	Office of Technical Assistance
OTD	Office of Technology Development
OTFA	Office of Technical and Financial Assistance
OTT	Office of Transportation Technologies
OTU	Office of Technology Utilization
OUSP	Office of the U.S. President
OUT	Office of Utility Technology
OWRT	Office of Waste Reduction Technologies

P-PR	Pre-Publication Review
P ² R	Performance/Progress Review
p(AAm)	Polyacrylamide
PA	Project Account Public Address
PAC	Professional Awards Committee Program Advisory Committee
PAH	Polycyclic Aromatic Hydrocarbon

Table of Abbreviations and Acronyms

Abbrevtns	Description
PAS	Polish Academy of Sciences Public Address System
PATC	Professional and Technical Consultants Association
PB	Physical BioSciences Precent Blue
PC	Personal Computer Physical Chemistry President's Council
PCAST	President's Council of Advisors on Science and Technology
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene
PCNL	President's Council on the National Laboratories
PCR	Polymerase Chain Reaction
PD	Photoelectron Diffraction Physics Division Postdoctoral, Post Doctoral Project Description
PDA	Pentacosadiynoic Acid
PDF	Program Development Forum Program Development Funds
PDO	Personnel Dosimetry Office
PDS	Photothermal Deflection Spectroscopy
PE	Physical Education Processor Elements
PECASE	Presidential Early Career Awards for Scientists and Engineers
PEFC	Polymer Electrolyte Fuel Cell(s)
PEG	Poly(ethylene Glycol)
PEEM	Photoelectron Microscope
PEM	Protocols in Electron Microscopy
PEMC	Pacific Electric Motor Company
PERB	Public Employment Relations Board
PERC	Pacific Environmental Resource Center
PERF	Petroleum Environmental Research Fund
PES	Power Engineering Society
PESC	Professional Executive Salary Committee
PET	Position Emission Tomography
PFOW	Property Found on Works (aka: Location)
PETC	Pittsburgh Energy Technology Center
PG	Participating Guest Policy Group
PG&E	Pacific Gas and Electric
PGA	Programs for Geonomic Applications Professional Golfer(s) Association
PGIF	Participating Guest Information Form
PH	Photoelectron Holography
PHB	Polyhydroxy Butyrate
PHS	Public Health Services
PHYS	Physics Division
PI	Performance Indicator Principal Investigator
PIC	Particle-In-Cell
PID	Public Information Department
PIP	Performance Indicator Program
PIT	Performance Improvement Team Proper Immobilization Techniques
PITS	Process Improvement Teams

Table of Abbreviations and Acronyms

Abbrvtns	Description
PIXE	Particle Induced X-ray Emission
PKA	Previously Known As
PL	Product Liability
	Program Leader
	Photoluminescence
PLA	Pulsed Laser Ablation
PLD	Phospholipase D
	Pulsed Laser Deposition
PLFA	Phospholipid Ester-Lined Fatty Acids
PLJ	Percy Lavon Julian
Pm	Promethium
PM	Particular Matter
	Performance Measures
	Post Meridiem
	Prime Minister
	Property Management
PMA	Power Marketing Administration
PMG	Project Management Group
PMM	Permanent Magnet Materials
PMT	Partnership for a New Generation of Vehicles
PNL	Pacific Northwest Laboratory
POAC	Parking Oversight Action Committee
POC	Particulate Organic Carbon
POCMs	Procurement, Objectives, Criteria and Measurements
POWER	Program on Workable Energy Regulation
PP	Personal Property
ppb	Parts per Billion
PPF	Polarized Photon Facility
PPMR	Personal Property Management Review
PPN	PrePRINT Network
PPPL	Princeton Plasma Physics Laboratory
pQCD	Perturbative Quantum Chromodynamics
PRC	Pacific Rim Countries
	Peoples Republic and China, The
	Property Reuse Center
PRCA	Photonics Society of Chinese-Americans
PR	Poisson Regression
	Purchase Requisition
PRL	Physical Review Letters
PRT	Participating Research Team
PS	Popular Science
	Property Services
PSF	Point-Spread-Function
PSAP	Professional Skills Assessment Program
PSS	Professional and Support Staff
PST	Pacific Standard Time
PT	Packing and Transportation
PTD	Predictive Technology Division
PTFE	Polytetrafluoroethylene
PTLP	Partial Transient Liquid Phase
PTTESC	Patent and Technology Transfer Executive Steering Committee
PU	Princeton University
PUHCA	Public Utility Holding Company Act



Table of Abbreviations and Acronyms

Abbrevtns	Description
QA	Quality Assurance
QAFN	Quality Assurance Facilities Notebook
QAP	Quality Assurance Plan
	Quality Assurance Program
QC	Quality Control
QCM	Quartz Crystal Microbalance
QE	Quantum Electronic
QED	Quantum Electrodynamics
QEM	Quantitative Electron Microscopy
QGP	Quark-gluon Plasma
QPR	Quarterly Progress Report(s)
QRP	Quick Response Project
QRPA	Quick Response Project Awards
Quad	Quadrupole
QUEST	Quantized Electronic Structures
=====	
R	Riverside
R&As	Reports and Abstracts
R&AGP	Records and Accounting for Government Property
R&D	Research and Development
R&R	Roles and Responsibilities
RAs	Reports and Abstracts
	Richmond Annex
RACJWS	Request for Approval of CRADA Joint Work Statement
Rad	Radiation
RadCon	Radiation Control
Radiol	Radiology
RAGP	Records and Accounting for Government Property
RAL	Radio Astronomy Laboratory
RAM	Radioactive Materials Area
RANN	Research Applied to National Needs
RANS	Russian Academy of Natural Sciences
RAP	Rutherford-Appleton Laboratory
RAS	Remote Access System (Users)
RBC	Randomly Branched Copolymer(s)
RBS	Rutherford Backscattering Spectrometry
RC	Reception Center
RCD	Research Center Director
RCM	RadCon Manager
RCRA	Research, Conservation and Recovery Act
Rcrd	Record
RCSM	Regional Climate System Model
Rcvbl	Receivable
Rcvng	Receiving
Rd	Road
RDASL	Royal Danish Academy of Sciences and Letters
RDBMS	Relational database Management Systems
RdgRm	Reading Room
Real Est	Real Estate
Rec	Recreation
Recd	Record
Recdg	Recording
Recp	Reception
RD	Resource Definition

Table of Abbreviations and Acronyms

Abbrevtns	Description
REDC	Radiochemical Engineering Development Center
Ref	Reference
Reg	Regent
Rehab	Rehabilitation
RF	Radio Frequency
RFP	Request for Proposal(s)
RFS	Richmond Field Station
RIGI	Rights In General Information
RHIC	Relativistic Heavy Ion Collider
RI	Reporting Inventions
RIF	Reduction-in-Force
RIGB	Royal Institute of Great Britain
RIPR	Reports of Intellectual Property Rights
RIR	References and Information Resources
RIT	Royal Institute of Technology
RMMAs	Radioactive Materials Management Areas
RMRBD	Research Medicine and Radiation Biophysics Division
RMS	Royal Microscopical Society
RNA	Ribonucleic Acid
RNC	Relativistic Nuclear Collisions
RNL	Riso National Laboratory
RPG	Radiation Safety Committee
ROD	Record of Decision
ROF	Refinery of the Future
ROHO	Regional Oral History Office
Rot	Rotate
RP	Radiological Protection
RPP	Radiation Protection Program
RPC	Research Priorities Committee
RPM	Regulations and Procedures Manual
RR	Railroad
	Roles and Responsibilities
RRAC	Research Roundtable Committee
RRSAB	Research Review Scientific Advisory Committee
RS&NRA	Resonant Scattering and Nuclear Reaction Analysis
RSA	Radiation Storage Area
	Royal Society of Arts
RSC	Royal Society of Chemistry
RSCL	Royal Society Centenary Lecturer
Rsrc	Resource
RTI	Research Triangle Institute
RTSAC	Real Time Systems Advisory Committee
RTSG	Real Time Systems Group
Rus	Russia; Russian
RWA	Radiological Work Authority
RWP	Radiological Work Permit
=====	
S	Science • Scientist
	South • Southern
S&A	Separation and Analysis
S&LSC	Safety and Laboratory Standards Committee
S&S	Safeguards and Security
SA	Seismic Anchoring
	South Asia

Table of Abbreviations and Acronyms

Abbrevtns	Description
SAA	Satelight Accumulation Area
SAB	Science Advisory Board Scientific Advisory Board
SAC	Sacramento Safety • Assurances • Controls
SAD	Safety Analysis Document Safety Assessment Database
SAC	Sacramento (City of) Society for Analytical Chemists
SAF	Safety Surface Analysis Facility
SAFER	Seismic Action Plan for Facilities Enhancement and Renewal
SAHS	Social and Administrative Health Sciences
SAI	Self-Assessment Inspections
SAIC	Science Application International Corporation
Salv	Salvage
SAN	San Francisco (City of) San Francisco Operations Office
SANMD	San Francisco Operation Office Management Directive
SAO	Student Affairs Office Student Affairs Officer
SAR	Safety Analysis Report System Safety Analysis Review System
SANS	Small-angle Neutron Scattering
SAS	Simplified Arakawa-Schubert Scheme South Asia(ian) Studies
SASA	Servian Academy of Sciences and Art
SAT	Scholarship Assessment Test
SAXS	Small-angle X-rays
SB	Santa Barbara Structural Biology
SBC	Santa Barbara, California Santa Barbara Campus
SBD	Small Business Development
SBI	Small Business Initiative
SBIR	Small Business Innovation Research
SBM	Soil and Bituminous Material
SBTT	Small Business Technology Transfer
SBSF	Structural Biology Support Facilities
SC	Safety Committee Safety Coordinator Salary Committee Search Committee Semiclassical Space Committee Student Center
SC/IVR	Semiclassical Initial Value Representation
SCADA	Supervisory, Control, and Data Acquisition System
Scan	Scandinavia; Scandinavian
SCB	Super Collider of Biology
SCBA	Self-contained Breathing Apparatus
SCC	Santa Cruz Campus
Sch	School
Schl	Scholar
Schshp	Scholarship
Sci	Science • Scientific • Scientist

Table of Abbreviations and Acronyms

Abbrevtns	Description
SCOPE	Survey of Career Options and Professions through Exploration
SCP	Characterization Plan Southside Community Project
Scul	Sculpture
SDC	San Diego Campus Solenoidal Detector Collaboration
SDI	Strategic Defense Initiative
SDIO	Strategic Defense Initiative Organization
SDP	Site Development Plan State Data Program
SE	Search Engine Secretary of Energy Solar Energy
SEAB	Secretary of Energy Advisory Board
SEAC	Secretary of Energy Advisory Committee
SEAS	Southeast Asia (ian) Studies
Sec	Secretary Section
SECH	Sanitary Environmental Coastal Hydraulics
Secnd	Second • Secondary
Sec	Secure • Security
Secy	Secretary
SEER	State Employer-Employee Relations
SEERA	State Employer-Employee Relations Act
SEI	Space Exploration Initiative Strategic Economic Initiative
Seismog	Seismograph
Seismol	Seismology
SEM	Scanning Electron Microscope Semester Seminar
Semr	Seminar
SEML	Scanning Electron Microscopy Laboratory
SEN	Secretary of Energy Notice Senate • Senator
SEO	Security and Emergency Operations, Office of
SEPUP	Science Education for Public Understanding Program
SER	Site Environmental Report
SERD	Strategic Energy Research and Development (Task Force)
SERDP	Strategic Energy Research and Development Program
SERI	Solar Energy Research Institute
SERS	Science and Engineering Research Semester
SES	Shared Energy Savings
SESC	Scientist/Engineer Salary Committee
SF	San Francisco (City of) Senior Faculty
SFA	Surface Forces Apparatus
SFC	San Francisco Campus
SFFT	Superconducting Flux Flow Transistor
SFG	Sum-Frequency Generation
SFI	Strategic Facilities Initiative
SFLC	San Francisco Laser Center
SFMN	Synthesis, Fabrication, and Manipulation Nanomaterials
SFU	Simon Fraser University
SHARES	Science for Health, Assistance, Resources, Education and Services
SHG	Second-Harmonic Generation

Table of Abbreviations and Acronyms

Abbrevtns	Description
SHSP	Standard Hygiene and Safety Practices
Si	Safety Inspection • Safety Inspector
SI	Shanghai Institute
SIA	Semiconductor Industry Association
SIG	Shared Instrumentation Grants
SII	Semiconductor Industry Initiative
SIM	Sensitivity Imposition Method
SIMS	Secondary Ion Mass Spectroscopy
SIRTF	Space Infrared Telescope Facility
SIS	Schwer Ionen Synchrotron
SISS	Services for International Students and Scholars
SITR	Strategy for Information Technology Resources
SL	Scientific/Laboratory
SLAC	Stanford Linear Accelerator Center
SLB	Signature Lipid Biomarker Analysis
SLC	Standard Linear Accelerator
SM	Structure of Materials
SMC	Sacramento Medical Center
SME	Society of Manufacturing Engineers
SMMP	Socioeconomic Monitoring and Mitigation Plan
SMOKE	Surface Magneto-optic Kerr Effect
SMRC	Senior Management Review Group
SMS	Single Molecular Spectroscopy
SMU	Site Mechanical Utilities
SNL	Sandia National Laboratories <ul style="list-style-type: none"> • Branch Location: Albuquerque, NM. • Branch Location: Livermore, CA.
SNAP	SuperNova/Acceleration Probe
SNCP	Supernova Cosmology Project
SNL/A	Sandia National Laboratory @ Albuquerque, NM.
SNL/L	Sandia National Laboratory @ Livermore, CA.
SNLA	Sandia National Laboratory, Albuquerque, NM.
SNLL	Sandia National Laboratory, Livermore, CA.
SNP	Single Nucleotide Polymorphism
SNO	Sudbury Neutron Observatory
SNS	Spallation Neutron Source
So	South • Southern
SOE	Secretary of Energy
SOF	Signature on File
SOFC	Solid-Oxide Fuel Cell
SOFIA	Stratospheric Observatory for Infrared Astronomy
SOI	Silicon-on Insulator
SOLO	Sounding Oceanographic Lagrangian Observer
SOM	Scanning Optical Microscope
SOW	Statement of Work
SPCC	Spill Prevention Control and Countermeasure
SPECT	Single Positron-emission Computed Tomography
SPFM	Scanning Polarization Force Microscopy
SPG	Small Projects Group
SPIE	Society of Photo-Optical Instrumentation Engineers
SPLEEM	Spin Polarized Low-Energy Electron Microscope
SPM	Strategic Process Management
SPPT	Sponsored Proposal/Project Tracking
SPPTS	Sponsored Proposal/Project Tracking System
SPS	Super Proton Synchrotron
SQUID	Superconducting Quantum Interference Device(s)

Table of Abbreviations and Acronyms

Abbrevtns	Description
SRC	Safety Review Committee
	Sematech Research Corporations(s)
	Synchrotron Radiation Center
SREL	Savanna River Ecology Laboratory
SRI	Scientific Research Institute
	Solar Research Institute
	Synchrotron Radiation Instrumentation
SRP	Salt Repository Project
SRPA	Salt Responsitory Project Activities
SRRTNet	Synchrotron Radiation Research Theory Network
SRS	Savannah River Site
SS	Site Services
	Staff Scientist
	Static Structure
SSA	Sealed Source Authorization
SSC	Superconducting Super Collider
	Surface Science and Catalysis
SSCCDG	Superconducting Super Collider Control Design Group
SSCL	Superconducting Super Collider Laboratory
	Surface Science and Catalysis Laboratory
SSCP	Surface Science and Catalysis Program
SSF	Student Shop Facility
SSL	Space Sciences Laboratory
SSP	Spectroscopy Society of Phittsburg
SSPs	Specific Safety Procedure(s)
SSPMCB	Solid State Physics and Materials Chemistry Branch
SSRL	Stanford Synchrotron Radiation Laboratory
SSS	Science for Support Staff
	Staff Senior Scientists
SSTC	State Science and Technology Commission
STA	Science and Technology Agency
STAR	Solenoidal Tracker at RHIC
STC	Staff Transportation Committee
STM	Scanning Tunneling Microscope
STSC	Shop and Tehnical Services Committee
STXM	Scanning Transmisison X-ray Mircscopy
SVT	Silicon Vertex Tracker
SWDU	Sitewide Water Distribution Upgrade
SWNTs	Single-Wall Nanotubes
SXS	Surface X-ray Scattering

Tab	Tabulation
TAC	Technical and Analytical Facilities Committee
	Theoretical Astrophysics Center
TAF	Technical and Analytical Facilities
TAFC	Technical and Analytical Facilities Committee
TAP	Temporary Assistance Program
TASC	Telephone Services Advisory Committee
TC	Town Center
	The Center
TCDD	Tetrachloro-p-dibensodioxin
TCE	Triclorethylene
TCF	Totally Chlorine Free
Tchg	Teaching

Table of Abbreviations and Acronyms

Abbrevtns	Description
Tchr	Teacher
TCS	The Catalysis Society
TEC	Total Estimated Cost
Tech	Technical Technology
TEID	Technical and Electronic Information Department
Tel	Telephone
Telg	Telegraph
TEM	Transmission Electron Microscope
Ten	Tennis
Term	Terminate • Termination
TES	The Electrochemical Society Thermal Energy Storage
TFA	Tanks Focus Area
TFC	Technical Facilities Committee
TFTR	Tokamak Fusion Test Reactor
TGFb	Transforming Growth Factor-beta
TGS	Transmission Grating Spectrometer
Theor	Theoretical
Ther	Therapy
THM	Town Hall Meeting
TIES	Teaching Innovation and Evaluation Services Technology for International Environmental Solutions
TIM	Technical Integration Manager The Institute of Metals
Tkt	Ticket
TJNAF	Thomas Jefferson National Accelerator Facility
TL	Team Leader

Table of Abbreviations and Acronyms

Abbrevtns	Description
TLD	Thermoluminescence Dosimeter Threshold Limit Detector
Tltp	Teletype
TLV	Threshold Limit Valve
TMD	Toxics Management Division
TMI	The Miller Institute Training and Employee Information
TMR	Tetramethylrhodamine
TMS	Time Management System
TNCU	Taiwan National Central University
TNRL	Texas National Research Laboratory
TNRLC	Texas National Research Laboratory Commission
TOC	Total Organic Carbon
TOPO	Trichltylphosphine Oxide
TPEG	Technical Planning and Evaluation Group
TPA	Tissue Plasminogen Activator
TPC	Time Projection Chamber
TPD	Temperature Programmed Desorption
TPH	Total Petroleum Hydrocarbons
TPS	The Protein Society
TR	Texas Red
Traf	Traffic
TRM	Texas Red Molecules
Trans	Transfer Transportation
Transl	Translation
TRB	Transportation Research Board
TRC	Technology Research Center
TRCDA	Tricosadynoic Acid
Treas	Treasurer
TRIP	Time Reduction Incentive Program
Tmr	Trainer
Tmrg	Training
TRP	Technology Reinvestment Program Transmission Reliability Program
TS&SFC	Technical Staff, and Shared Facilities Committee
TSA	Technical Safety Appraisals
TSC	Technical Staff Committee Transportation Systems Center
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage and Disposal Facility
TSS	Total Suspended Solids
TTI	Title to Investions Transmission Technology Institute
TTD	Technology Transfer Department
TTM	Technical Topic Manager
TTO	Technology Transfer Office
TTP	Technical Task Plan
TU	Technical University
TUS	Tohoku University @ Sendai
TUT	Tohoku University @ Tokyo

Table of Abbreviations and Acronyms

Abbrevtns	Description
TV	Television
TXRF	Total X-Ray Fluorescence
Typ	Type • Typing
Typst	Typist
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U	University
U/NLCP	University/National Laboratory Cooperative Program
UA	University of Aarhus University of Alberta University of Antwerp University of Austria User Account
UAM	University Art Museum
UAV's	Unmanned Air Vehicles
UB	Universitat Bayreuth Universitat Bonn University of Belgrade University of Bielefeld University of Bourgogne
UBC	University of British Columbia Uniform Building Code
UC	University of Calgary University of California University of Camerino Univesity of Chicago University of Cologne University of Columbia Urban Consortium
UCB	University of California @ Berkeley
UCD	University of California @ Davis
UCI	University of California @ Irvine
UCLA	University of California @ Los Angeles
UCOP	University of California, Office of the President
UCR	University of California @ Riverside
UCRS	University of California Retirement System
UCSA	University of California Systemwide Administration
UCSB	University of California @ Santa Barbara
UCSC	University of California @ Santa Cruz
UCSD	University of California @ San Diego
UCSF	University of California @ San Francisco
UCTDA	University of California Technology Development Company
UCTDF	University of California Technology Development Foundation
UD	University of Delaware University of Dortmund
UDI	Universita Di Brescia
UDM	Universita Di Modena
UDR	Universita Di Roma
UDZ	Univerisidad Del Zulia
UE	University of Edinburgh
UEA	University of East Anglia
UEC	University of Electro-Communications
UER	Universitywide Energy Research
UERG	Universitywide Energy Research Group
U Ext	University Extension

Table of Abbreviations and Acronyms

Abbrevtns	Description
UFC	Uniform Fire Code
UG	University of Groningen
	University of Guelph
UH	University Hall
	University of Heidelberg
	University of Hiroshima
UHV	Ultra-high-vacuum
UI	University of Iceland
	University of Illinois
	University of Ioannina
UK	United Kingdom
	University of Keele
	University of Kiel
	University of Koln
	University of Kyushu
UL	University of Lausanne
	University of Leiden
ULAP	Universitywide Library Automation Program
UM	University of Manchester
	University of Melbourne
	University of Michigan
	University of Milano
	University of Modena
UN	Union
	United Nations
	University of Napoli
UNC	University of North Carolina
UND	University of Notre Dame
Undg	Undergraduate
Univ	University
UNLAV	University of Nevada @ Las Vegas
UNLCP	University/National Laboratory Cooperative Program
UNW	University of North Wales
UO	University of Osaka
	University of Oxford
UOI	University of Illinois
UOR	Unusual Occurrence Reporting
UP	University de Poitiers
	University of Palermo
	University of Paris
	University of Pittsburgh
UPTE	University Professional and Technical Employees
URI	University Research Institute
UR	University of Regina
UREP	University Research Expeditions Program
Uro	Urology
URO	Undergraduate Research Opportunities

Table of Abbreviations and Acronyms

Abbrevtns	Description
US	United States University of Saarbrucken University of Sheffield United States (of America) University of Sussex University of Szeget
USA	United States Army United States of America
USABC	United States Advanced Battery Consortium
USAF	United State Air Force
USAID	United States Agency for International Development
USC	United States Competitiveness
USDA	United States Department of Agriculture
USG	United States Government
USGCRP	United States Global Change Research Program
USGS	United States Geological Survey
USIA	United States Information Agency
USNRA	United States Nuclear Regulatory Agency
UST	Underground Storage Tank University of Science and Technology
UT	University of Technology University of Texas University of Tokyo University of Toronto University of Toulouse University of Trieste University of Trondheim University of Tsykuba
UV	Ultraviolet
UVW	Ultra Violet Waves
UW	University of Waterloo University of Wurzburg Universitywide
UXO	Unexploded Ordinance
=====	
V	Vice
V&CT	Verification and Control Technology
VA	Veterans Administration
Vac	Vacation Vacuum
VAV	Variable Air Volume
Vchr	Voucher
Verif	Verify; Verification
VENUS	Variable-Energy Nuclear Synchrotron
VERIP	Voluntary Early Retirement Incentive Program
Vert	Vertebrate
VHA	Veterans Health Administration
VHF	Very High Frequency
Vir	Virus; Viruses
Viro	Virology
Vis	Visual
Vist	Visit; Visitor
Viv	Vivarium
VLSB	Valley Life Sciences Building

Table of Abbreviations and Acronyms

Abbrevtns	Description
Voc	Vocation; Vocational
VOC	Volatile Organic Compound
VSB	Voltage-Biased Superconducting Bolometer
VTs	Variable Temperature Susceptometer
WAA	Waste Accumulation Activity
WAN	Wide Area Network
WAPA	Western Area Power Administration
WFDO	Work Force Diversity Office Workforce Diversity Office
WFO	Work-for-Others
WH	White House (U.S.)
WHFA	Waste Handling Facilities Assessment
WIS	Weizmann Institute of Sciences
WLP	Windows and Lighting Program
WM	Waste Management Waste Minimization
WOU	West Ontario (Canada) University
WRC	Work Request Center
WRMSE	Western, Regional Materials Science and Engineering
WSS	Work Smart Standards
WWI	World War I
WWII	World War II
WWTU	Waste Water Treatment Unit
=====	
X-PEEM	X-ray Photoelectron Emission Microscopy
XA	X-ray Absorption
XA/ES	X-ray Absorption and Emission Spectroscopies
XAFS	X-ray Absorption Fine-Structure Radiation Facilities
XANES	X-ray Absorption Near-Edge Structure
XAS	X-ray Absorption Spectroscopy
XD	X-ray Diffraction
XES	X-ray Elastic and Inelastic Scattering
XMCD	X-ray Magnetic Circular Dichroism
XPd	X-ray Photoelectron Diffraction
XPS	X-ray Photoelectron Spectrum
XRD	X-ray Diffraction
XRDL	X-ray Diffraction Laboratory
=====	
XPS	X-ray Photoelectron Spectroscopy
XRO	X-ray Optics
XSTEM	Cross-Sectional Transmission Electron Microscope
XS	X-ray Scattering
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Table of Abbreviations and Acronyms

Abbrevtns	Description
YI	Yugoslav Institute
YSO	Yong Stellar Objects
YTD	Year-to-Date
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ZELL	Zellerback Hall
Zo	Zology
	Zoo
ZOOL	Zoology